

FIG.

FIG. 2

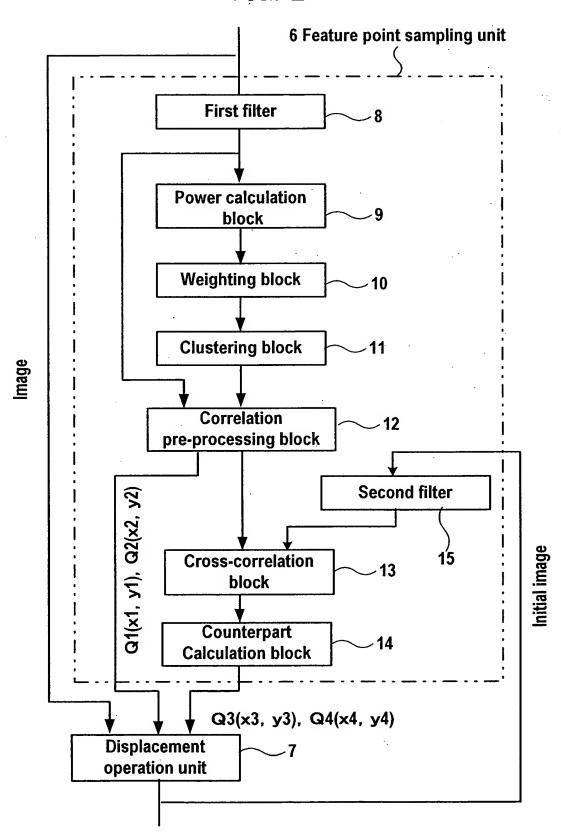


FIG. 3

Image data point P(x,y)within circle whose radius is r,after filtered

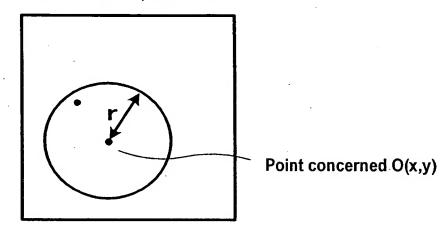


FIG. 4

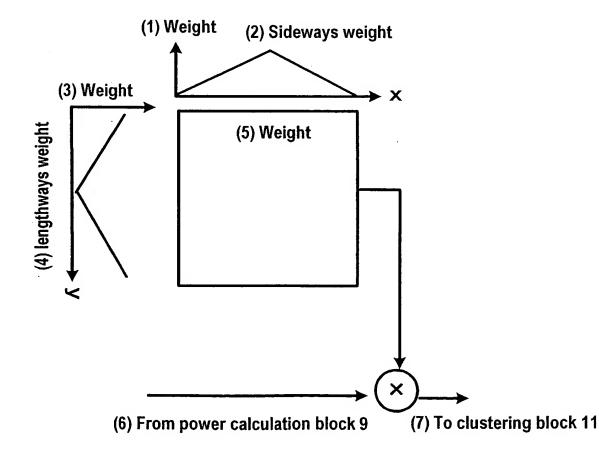


FIG. 5

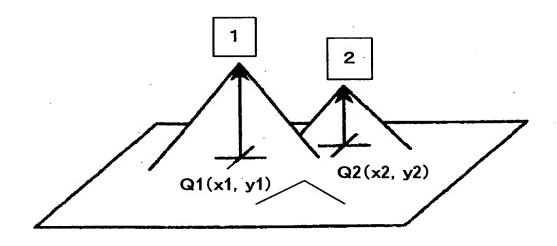


FIG. 6

(1) Gaussian distribution expressing standard deviation 3σ

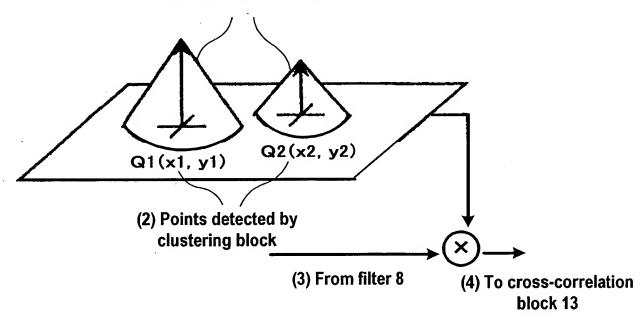
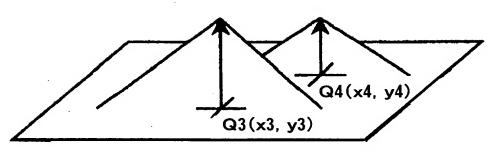


FIG. 7



Distribution of powers subjected to cross-correlation

FIG. 8

(1) To feature point sampling unit 6 7 Displacement operation unit (3) Counterpart signal (4) Switching signal (2) Echo signal 16 **Deformation article block Maximum deformation** image storage block 19 Final image storage block 18 Minimum deformation image 20 storage block Initial image storage block Distortion image operation block

FIG. 9

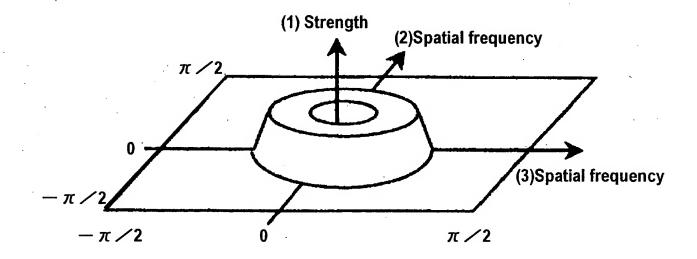
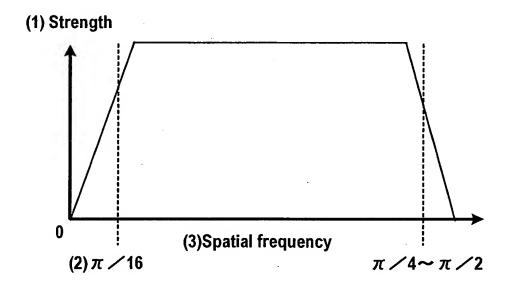
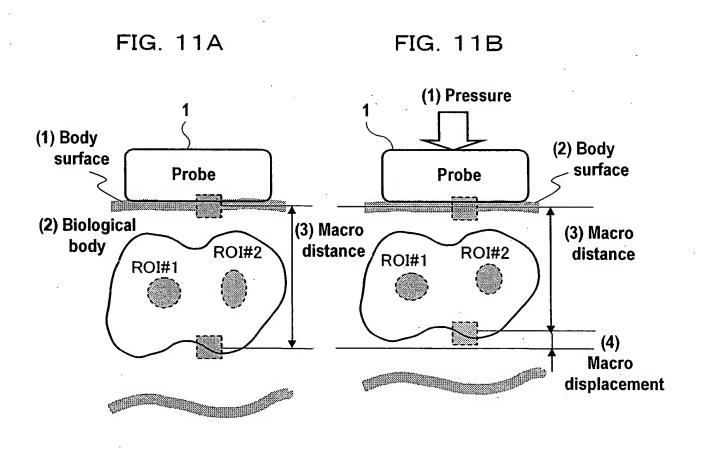
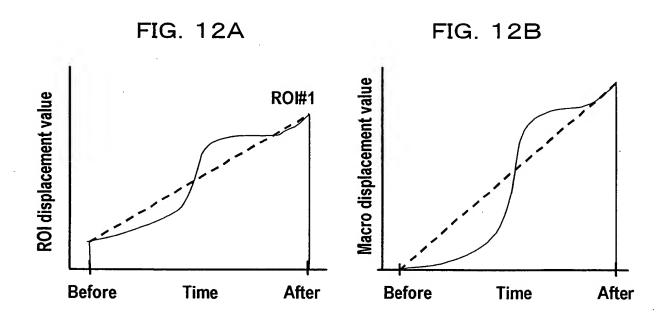


FIG. 10







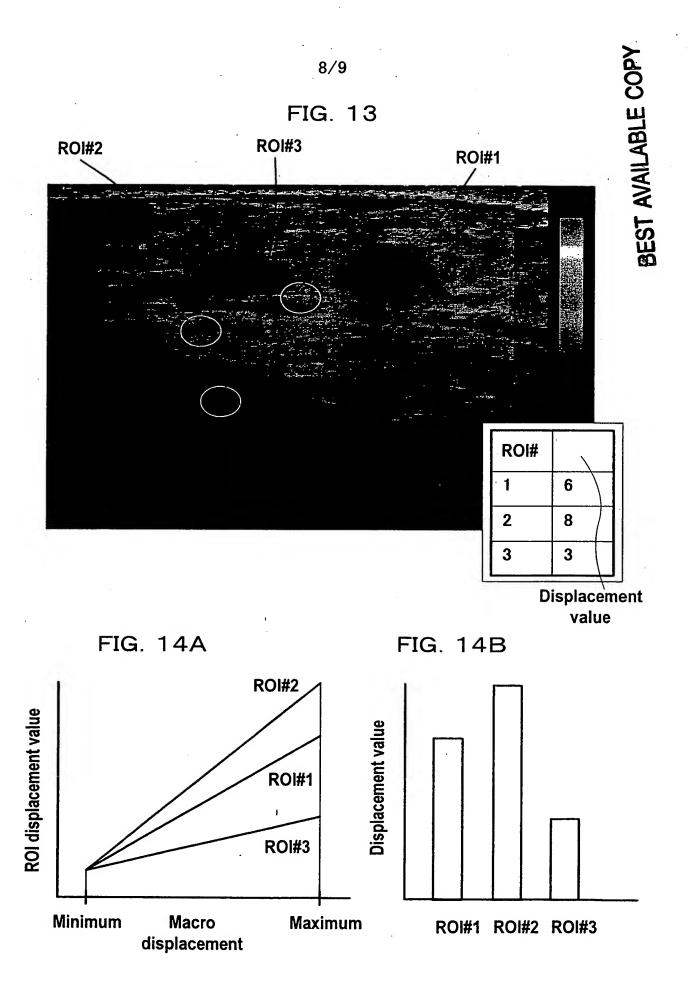


FIG. 15

